



PATENT APPLICATION  
Attorney's Docket No. 1482-176

### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SINGLE-ENDED INPUT, DIFFERENTIAL OUTPUT LOW NOISE AMPLIFIER, the specification of which:

- ☐ is attached hereto.
- ☒ was filed on September 15, 2003 as Application Serial No. 10/664,048
- ☐ and was amended on \_\_\_\_\_ (if applicable)
- ☐ with amendments through \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed	
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes No

I hereby claim the benefit under Title 35, United States Code, Sec. 119(e) of any United States provisional application listed below:

Provisional Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s), or Sec. 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the

manner provided by the first paragraph of Title 35, United States Code, Sec. 112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(App. Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status -patented, pending, etc.)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of first inventor:** Barrie Gilbert

Inventor's signature:

Barrie Gilbert 16 feb '04, 2004  
(Date)

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Citizenship: United Kingdom

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Beaverton, OR 97006-1994

**Full name of second inventor:** Todd C. Weigandt

Inventor's signature:

Todd C. Weigandt 16 feb '04, 2004  
(Date)

Residence: Portland, Oregon

Citizenship: United States of America

Post Office address: c/o Analog Devices, Inc.  
1100 N.W. Compton Drive, Suite 301  
Beaverton, OR 97006-1994



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Attorney's Docket No. 1482-176

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Barrie Gilbert and Todd C. Weigandt

Serial No.: 10/664,048

Examiner: Not yet assigned

Filed: September 15, 2003

Group Art Unit: 2817

For: SINGLE-ENDED INPUT, DIFFERENTIAL OUTPUT LOW NOISE  
AMPLIFIER

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS**

I, William A. Wise, Assistant Clerk of Analog Devices, Inc., having a place of business at One Technology Way, Norwood, MA, assignee of the entire right, title and interest of the above-described U.S. patent application, by the assignment submitted under separate cover for recordal (copy enclosed), represent that I am empowered to sign on behalf of assignee, as evidenced by the enclosed Officer's Certificate.

As assignee of the above identified application, all powers of attorney previously given are hereby revoked and the following attorneys and/or patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:


<u>Attorney Name</u>	<u>Registration No.</u>
Elmer W. Galbi	19,761
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ANALOG DEVICES, INC.

Date: 2/16, 2004

  
William A. Wise, Assistant Clerk

ANALOG DEVICES, INC.

OFFICER'S CERTIFICATE

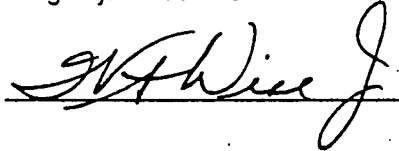
I, Joseph E. McDonough do hereby certify that I am a duly elected and serving Vice President of Analog Devices, Inc. (the "Company") and that at a meeting of the Board of Directors of the Company duly held on March 10, 1998, at which a quorum of the Directors were present and voting throughout, the following resolution was adopted:

VOTED: *[Authority for Patent and Trademark Registrations]*

That any **Officer, the Clerk and Assistant Clerks of the corporation** hereby are authorized and empowered in the name of and on behalf of the corporation, and under its corporate seal, from time to time, to execute and deliver certificates, powers of attorney, applications or other instruments with respect to any patent, trademark, copyright registration or application of any of the foregoing or for the protection of intellectual property in any country in the world.


I further certify that the following named person is the duly elected and serving Assistant Clerk of Analog Devices, Inc. and that the signature appearing adjacent to his name and title is his signature.

William A. Wise, Jr.  
Assistant Clerk



IN WITNESS WHEREOF I have executed this Officer's Certificate as of this 30 day of March 1998.

(SEAL)



Joseph E. McDonough  
Vice President, Finance &  
Chief Financial Officer

of 9/20/2002  
Carolyn B. McNeil